

ATP19 Series Anti-Vandal Sealed Pushbutton Switch

Features/Benefits

- Momentary or Lock version
- IP67 sealed & IK10 (Stainless steel bushing)
- Capable of up to 3A resistive load
- 50,000 life cycle at full load
- Various colors of LED illuminate indicator
- Choices of pushbutton with symbol on spot, ring or power logo

Typical Applications

- Control Panels including car park and traffic light
- Industrial Instruments
- Lifts / Escalator
- Communication equipment
- Alarm, safety and security systems



C&K US

Specifications

FUNCTION: Single pole and double poles
CONTACT ARRANGEMENT: N.O. and N.C.
MOUNTING TYPE: Threaded front panel mount
TORQUE FOR THREADED BODY: 5-14 Nm

Mechanical

OPERATING LIFE: Momentary 1,000,000 cycles
Self-lock 500,000 cycles
TOTAL TRAVEL: about 3.2 mm
OPERATING FORCE: 1 pole 2.5 ± 1N
2 pole 3.5 ± 1N

Electrical

CONTACT RATING: 1th 5A/250VAC
3A / 250VAC
3A / 28VDC
OPERATING LIFE: 50,000 make-and-break cycles at full load
DIELECTRIC STRENGTH: 2,000 V RMS @ sea level
INSULATION RESISTANCE: 1,000 MΩ min. @ 500 VDC
INITIAL CONTACT RESISTANCE : 50 mΩ max @1A 12VDC

Materials

BUSHING: Stainless steel / Nickel plated brass / Aluminum alloy
BASE: PBT (UL 94-A0), PC (UL 94-V2)
ACTUATOR: PC (UL 94-V2); Stainless steel / Nickel plated brass / Aluminum alloy
INTERNAL ASSEMBLY: POM / PA66
SPRING: Steel
SEALING / O-ring: Silicone
TERMINALS: Brass with silver or gold plated
CONTACT: Copper, silver plated

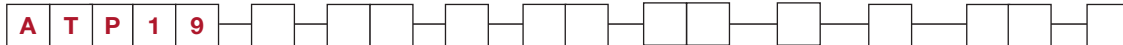
Operating Environment

OPERATING TEMPERATURE: -20°C to +55°C
SEALING / PROTECTION: IP67 / IK10 (Stainless steel bushing)

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box.



Designation _____
ATP19 Series

Actuator Style _____
S Standard
R Raised #
D Dome without LED only ###

Actuator Indicator _____
L0 Without LED *
L1 Fix ring *
L2 Spot *
L3 Moving ring * (standard actuator only)
L4 Power logo **
L5 Moving ring & Power logo ** (standard actuator only)

LED Illumination _____

Terminal plating
Q Silver
G Gold

Termination
03 STD solder lug
04 Short solder lug
W1 Wire lead 500mm ***
W2 Wire lead 1,000mm ***

Mechanical function
A Momentary
E Lock

Contact arrangement
S SPDT
D DPDT

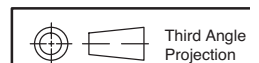
Color	Dual color
0 Without LED	A Red & Green
2 White	B Red & Blue
3 Red	D Blue & Yellow
5 Yellow	G Red & Yellow
6 Green	H Green & Yellow
7 Blue	J Orange & Green

LED voltage (20mA)

00	Without LED
03	3V
06	6V
12	12V
24	24V
36	36V
A1	110V AC
A2	220V AC

Round	Double D shape
B0 Stainless (Natural)	M0 Stainless (Natural)
B3 Al alloy (Black anodized) ##	M3 Al alloy (Black anodized) ##

- * Available on round bushing only
- ** Available on double D-shape bushing only
- *** Available upon request, please contact your sales representative for details
- # Come in B0 & M0 with L1 or L4 indicator only
- ## Come in S style actuator only & no L5 indicator
- ### Without LED & for B0 & M0 bushing type only



Dimensions are shown: mm (inches)
Specifications and dimensions subject to change



17 Mar 23

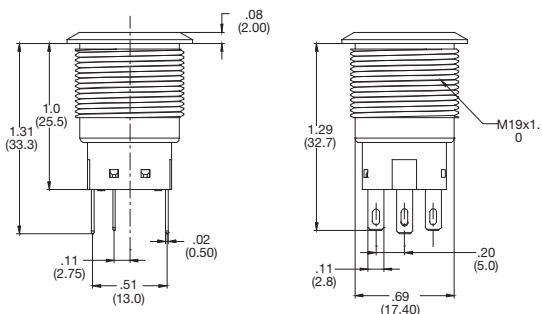


ATP19 Series Anti-Vandal Sealed Pushbutton Switch

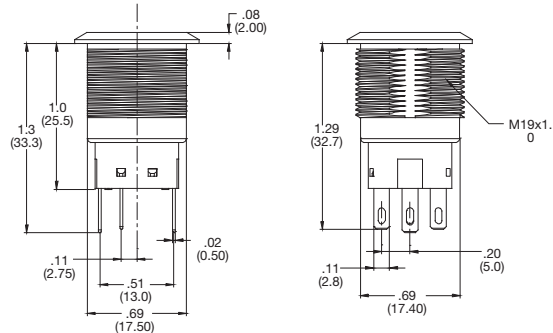
Pushbutton
A

STANDARD VIEW

ROUND BUSHING

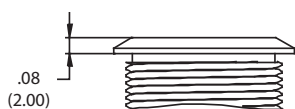


DOUBLE-D BUSHING

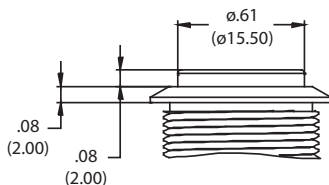


ACTUATOR STYLE

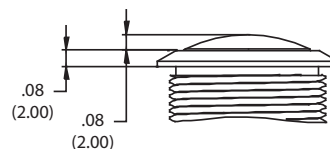
S STANDARD



R RAISED

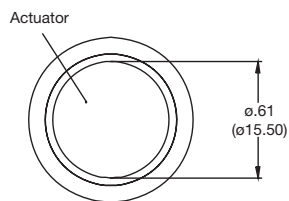


D DOME

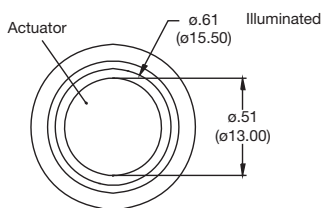


ACTUATOR INDICATOR

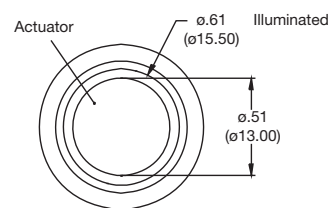
L0 WITHOUT LED



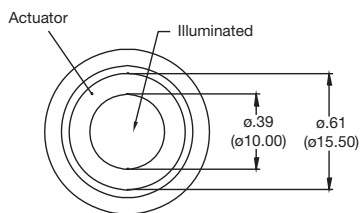
L1 FIX RING



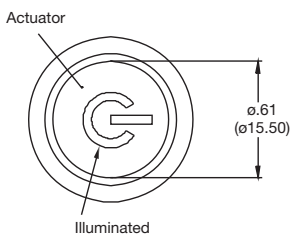
L3 MOVING RING



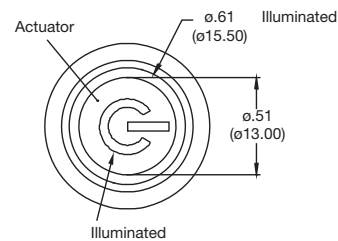
L2 SPOT



L4 POWER LOGO



L5 POWER & MOVING RING



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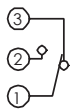


A

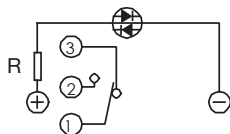
Pushbutton

CIRCUIT

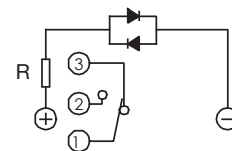
SPDT



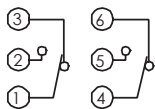
SPDT - SINGLE COLOR LED



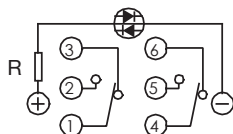
SPDT - DUAL COLOR LED



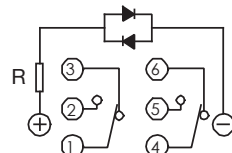
DPDT



DPDT - SINGLE COLOR LED

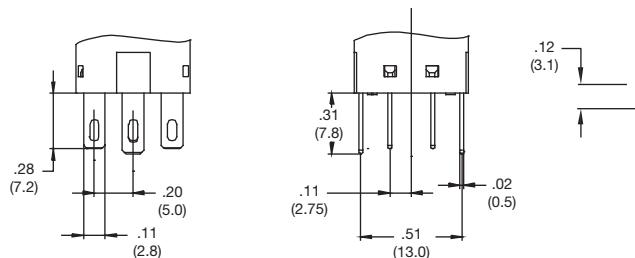


DPDT - DUAL COLOR LED

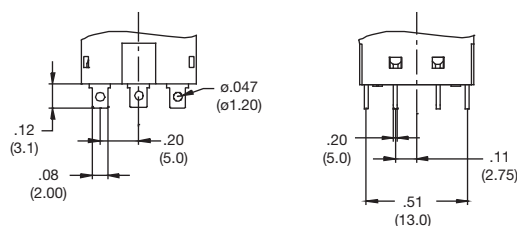


TERMINATION

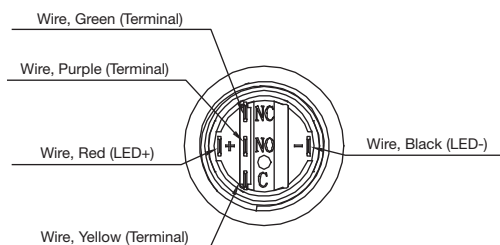
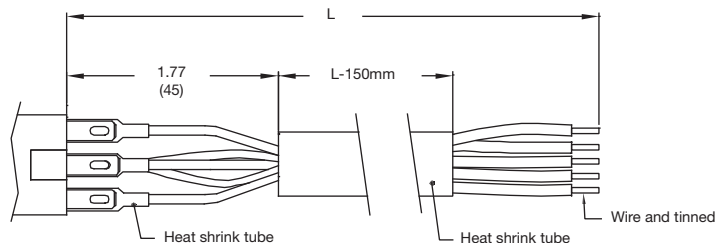
03 SOLDERLUG



04 SHORT SOLDER LUG



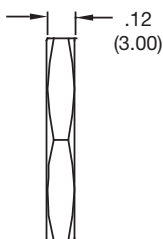
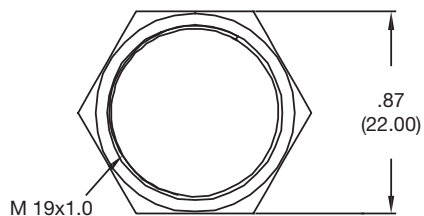
W1 OR W2 WIRE LEAD



HARDWARE

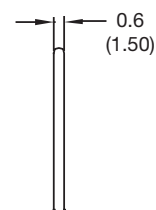
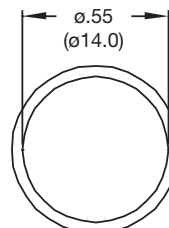
HEX NUT

Order PN: ATP19-HN



O RING

Order PN: ATP19-OR



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[ATP19SL2612B0SE03Q](#) [ATP19SL2624B0DE03Q](#) [ATP19SL26A2B0DE03Q](#) [ATP19SL0000B0DA03Q](#)
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[ATP19SL16A2B0SEW2G](#) [ATP19SL4724M0DE03Q](#) [ATP19SL4A06M0SA04Q](#) [ATP19SL4B24M0SAW1Q](#)
[ATP19SL4H03M0SAW1Q](#) [ATP19SL5612M3SE03Q](#) [ATP19SL0000B0SAW1G](#) [ATP19SL42A2M0DE03Q](#)
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